

MN523.00 General

Irrigation Systems Variances

The Minnesota practice standard Irrigation System, Sprinkler-442, requires regulators on all nozzles. This criteria is not required in the national standard. Area Engineers are authorized to grant a variance to the regulator requirement as long as the following conditions are met:

1. The system designer accounts for elevation differences in the design.
2. The system pressure can be maintained within the operating limits for the nozzles.
3. A can test is performed to verify that the required coefficient of uniformity has been met.

MN523.01 Technical assistance.

(a) NRCS will provide irrigation technical assistance to a district cooperator when irrigation is part of the resource management system.

(b) Technical assistance will consist primarily of determining soil type and suitability for irrigation, crop rotation and crop water requirements, and the quantity of water needed for the cropping system. Emphasis will be placed on controlling soil erosion and protecting water quality.

(c) NRCS will encourage the District Cooperator to secure engineering services for design of sprinkler systems and pumping plants from consultants, irrigation equipment manufacturers, or irrigation equipment dealers.